

## Sheet 1 of 6

Substitute for form 1449/PTO, based on PTO/SB/09A and 08B

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Application Number	10/507,221
Filing Date	09/08/2004
First Named Inventor	Goodman et al.
Art Unit	2873
Examiner Name	Not assigned
Attorney Docket Number	51-02



## U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	6,399,042	06/04/2002	Goodman	
	2	6,344,179	02/05/2002	Goodman	
	3	5,853,696	2/29/98	Elmaleh et al.	
	4	5,817,776	10/06/1998	Goodman et al.	
	5	5,808,146	09/15/1998	Goodman et al.	
	6	5,698,179	12/16/97	Neumeyer et al.	
	7	5,637,759	06/10/1997	Hearst et al.	
	8	5,413,779	5/9/95	Kuhar et al.	
	9	5,324,504	06/28/1994	Roger, Jr. et al.	
	10	5,310,912	05/10/1994	Neumeyer et al.	
	11	5,279,812	01/18/1994	Krstenansky et al.	
	12	5,227,467	07/19/1993	Kollonitsch et al.	
	13	4,942,231	07/17/1990	Mertens	
	14	4,760,091	07/26/1988	Carson et al.	
	15	4,743,691	05/10/1998	Bey et al.	
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	20	4,325,961	04/20/1982	Kollonitsch et al.	
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	22	US 2002-0099184 A1	07/25/2002	Goodman	

## FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>
		WO 97/43285	20/11/97	Mouclair et al.		

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## NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Alexoff, DL et al. (1992), "Ion Chromatographic Analysis of High Specific Activity <sup>18</sup> FDG Preparations and Detection of the Chemical Impurity 2-Deoxy-2-chloro-D-glucose" <i>Internat. J. Rad. Appl. Instr. Part A</i> 43(11):1313-1322.	
	2	Bergmann, ED et al. (1962), "Organic Fluorine Compounds. Part XXVII. Fluorinated $\alpha$ -Aminoisobutyric Acids"; <i>J. Chem. Soc.</i> 3462-3463.	
	3	Betz, AL et al. (1978), "Polarity of the Blood-Brain Barrier: Neutral Amino Acid Transport into Isolated Brain Capillaries"; <i>Science</i> 202:225-227.	
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	5	Blough, BE et al. (1996), "Synthesis and Transporter Binding Properties of 3 $\beta$ -(4'-Alkyl-, 4'-alkenyl-, and 4'-alkynylphenyl)nortropane-2 $\beta$ -carboxylic Acid Methyl Esters: Serotonin Transporter Selective Analogs" <i>J. Med. Chem.</i> 39(20):4027-4035.	
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	11	Chiotellis, E et al. (1977), "Preparation of Tc-99m Labeled Pyridoxal-Amino Acid Complexes and their Evaluation"; <i>Int. J. Nucl. Med. Biol.</i> 4(1):29-41.	
	12	Christensen, HN et al. (1983), "Synthesis and Transport applications of 3-Aminobicyclo[3.2.1]octane-3-carboxylic Acids"; <i>J. Med. Chem.</i> 16:1374-1378.	
	13	Coleman, RE (1991), "Single Photon Emission Computed Tomography and Positron Emission Tomography in Cancer Imaging"; <i>Cancer</i> 67(4 suppl):1261-1270.	
	14	Conti, PS et al. (1986), "Tumor Imaging with Carbon-11 Labeled Alpha-Aminoisobutyric Acid (AIB) in a Patient with Advanced Malignant Melanoma"; <i>Eur. J. Nucl. Med.</i> 12:353-356.	
	15	Conti, PS (1995), "Introduction to Imaging Brain Tumor Metabolism with Positron Emmission Tomography (PET)"; <i>Cancer Invest.</i> 13(2):244-259.	

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## Sheet 3 of 6

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	16	Conti, PS et al. (1985), "Tumor localization of alpha-aminoisobutyric acid (AIB) in human melanoma heterotransplants"; <i>Eur. J. Nucl. Med.</i> 10:45-47.	
	17	Damhaut, P et al. (1997), "No-Carrier-Added Asymmetric Synthesis of Alpha-Methyl-Alpha-Amino Acids Labelled with Fluorine-18"; <i>Tetrahedron</i> 53(16):5785-5796.	
	18	Di Chiro et al. (1982), "Glucose utilization of cerebral gliomas measured by [ <sup>18</sup> F] Fluorodeoxyglucose and Positron Emission Tomography"; <i>Neurology</i> (NY) 32:1323-1329.	
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	21	Feinendegen, LE (1993), "Contributions of Nuclear Medicine to the Therapy of Malignant Tumors (editorial)"; <i>J. Can. Res. Clin. Oncol.</i> 119(6):320-322.	
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	23	Giros, B. et al. (1996), "Hyperlocomotion and indifference to cocaine and amphetamine in mice lacking the dopamine transporter"; <i>Nature</i> 379:606-612.	
	24	Goodman, MM et al. (1994), "Synthesis and Characterization of Radioiodinated N-(3-iodopropen-1-yl)-2β-carbomethoxy-3β-(4-chlorophenyl)tropanes: Potential Dopamine Reuptake Site Imaging Agents"; <i>J. Med. Chem.</i> 37:1535-1542.	
		Goodman, MM et al. <i>Clinical Positron Emission Tomography</i> Mosby Year Book, 1992, K.F. Hubner, et al., Chapter 14 "Automated Synthesis of Radiotracers for PET Applications" pps.110-122.	
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	26	Hoyle, R et al. (1970), "Fluorine-18 Labeled Amino-Acids for Organic Imaging"; <i>J. Nucl. Med.</i> 11(10):633. (Abstract only)	
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	30	Kilbourn, MR et al. (1989), "Synthesis of Radiolabeled Inhibitors of Presynaptic Monoamine Uptake Systems: [ <sup>18</sup> F]GBR 13119(DA), [ <sup>11</sup> C]Nisoxetine (NE), and [ <sup>11</sup> C]Fluoxetine (5-HT)" <i>J. Label. Compd. Radiopharm.</i> 26:412-414. (Symposium Abstract)	
	31	Kollonitsch et al. (1975), "Selective Fluorination of Hydroxy Amines and Hydroxy Amino-Acids with Sulfur Tetrafluoride in Liquid Hydrogen Fluoride"; <i>J. Org. Chem.</i> 40(25):3808-3809.	
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	33	Kung, M-P. et al. (1995), "IPT: A Novel Iodinated Ligand for the CNS Dopamine Transporter"; <i>Synapse</i> 20:316-324.	
	34	Kuntschke, D et al. (1995), "New [ <sup>99m</sup> Tc]-Cytetrene Amine Compounds as Specific Brain Imaging Agents"; <i>J. Labelled Compounds and Radiopharmaceuticals</i> 36(2): 193-203.	
	35	Langleben, DD et al. (2000), "PET in Differentiation of Recurrent Brain Tumor from Radiation Injury"; <i>J. Nucl. Med.</i> 41:1861-1867.	
	36	Liu, S et al. (1996), "Labeling Cyclic Glycoprotein IIb/IIIa Receptor Antagonists with <sup>99m</sup> Tc by the Preformed Chelate Approach: Effects of Chelators on Properties of [ <sup>99m</sup> Tc] Chelator-Peptide Conjugates"; <i>Bioconjugate Chem.</i> 7(2):196-202.	
	37	Malison, RT et al. (1995), "Striatal Dopamine Transporter Imaging in Nonhuman primates with Iodine-123-IPT SPECT"; <i>J. Nucl. Med.</i> 36:2290-2297.	
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	43	Murphy, DL et al. (1986), "Use of Serotonergic Agents in the Clinical Assessment of Central Serotonin Function" <i>J. Clin. Psychiatr.</i> 47:4(suppl):9-15.	
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	45	Niznik, HB et al. (1991), "The Dopamine Transporter is Absent in Parkinsonian Putamen and Reduced in the Caudate Nucleus"; <i>J. Neurochem.</i> 56:192-198.	
	46	Ogawa, T et al. (1993), "Cerebral Glioma: Evaluation with Methionine PET"; <i>Radiology</i> 186:45-53.	
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	49	Schmall, B et al. (1987), "Imaging Studies of Patients with Malignant Fibrous Histiocytoma using C-11-Alpha-Aminoisobutyric Acid (AIB)"; <i>Clin. Nucl. Med</i> 12(1):22-26.	
	50	Schober, O et al. (1992), "Evaluation of Brain Tumors by Positron Emission Tomography"; <i>Radiologe</i> 32(6):282-289.	
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	61	Washburn, LC et al. (1979), "High-Level Production of C-11-Carboxyl-labeled Amino Acids"; in <u>Radiopharmaceuticals II: Proceedings 2<sup>nd</sup> International Symposium on Radiopharmaceuticals</u> , March 19-22, 1979, Seattle, Washington	
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